| <br> | f Claims |  |
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|      |          |  |

| Application No. | Applicant(s)  |  |
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| 09/675,921      | HARVEY ET AL. |  |
| Examiner        | Art Unit      |  |

|   | Rejected | _ | (Through numeral)<br>Cancelled |
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Quang N. Nguyen

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|          |  | Ц                                      | <u> </u>                               |  |  |          | J        |          | Ц_   | _            | _   |
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| Cla      | im   |  |  |  |  | Date     |          |          |  |              | ]   |
| Final    | Original   | 2/19/04                                | 6/23/04                                | 12/4/04                                | 5/23/05                                |          |          |          |  |              |     |
|          | 1  | <b>√</b>                               | 1                                      | 1                                      | <b>√</b>                               | Г        |          |          |  | t            | 1   |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7  | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | マンマンマンマンマンマンマンマンマンマンマンマンマンマンマンマンマンマンマン |          |          |          |  |              |     |
|          | 3  | √                                      | ✓                                      | ✓                                      | >                                      |          |          |          |  |              | ]   |
|          | 4  | ✓                                      | ✓                                      | ✓                                      | ✓                                      |          | _        |          | _  |              | 1   |
|          | 5  | ✓                                      | ✓                                      | ✓                                      | ✓                                      | _        | _        | <u> </u> | <u> </u>   | <u> </u>     | 1   |
|          | 6  | Ϋ́                                     | Ϋ́                                     | Ϋ́                                     | Ϋ́                                     | ļ        | <u> </u> | _        | <u> </u>   | <u> </u>     | 1   |
| <u> </u> | -  | <b>√</b>                               | 1                                      | Ϋ́                                     | Ϋ́                                     | <u> </u> | -        | -        | ├  | ┡            | ł   |
| <u> </u> | 8<br>9   | Υ,                                     | 1                                      | Υ,                                     | Υ,                                     |          | -        | ⊢        | ├—   | $\vdash$     | ł   |
| -        | 10   | \ <u>\</u>                             | \ \ \ \                                | <b>V</b>                               | <del>'</del>                           |          | -        | ⊢        | ┢  | ⊢            | ł   |
| <u> </u> | 11   | ./                                     | ./                                     | ./                                     | ./                                     |          | -        | ⊢        | ┢  | ├            | ł   |
|          | 12   | ./                                     | 1.7                                    | 7                                      | ·/                                     | $\vdash$ | $\vdash$ | ╁╌       | ╁╌   | ╁            | ł   |
|          | 13   | 1                                      |  | 1                                      | 7                                      |          | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | t   |
|          | 14   | Ĭ                                      | Ĭ                                      | Ĭ                                      | Ĭ                                      |          | $\vdash$ | $\vdash$ |  | $\vdash$     | 1   |
|          | 15   | V                                      | Ĭ                                      | Ĭ                                      | V                                      |          |          |          | <del>                                     </del> | 1            | 1   |
|          | 16   | V                                      | V                                      | 7                                      | V                                      |          |          |          | ⇈  | <b>†</b>     | 1   |
|          | 17   | V                                      | 1                                      | V                                      | V                                      |          |          |          | ⇈  | T            | 1   |
|          | 18   | 1                                      | <b>V</b>                               | <b>√</b>                               | <b>√</b>                               |          |          |          |  |              | 1   |
|          | 19   | ✓                                      | ✓                                      | 7                                      | >                                      |          |          |          |  |              | 1   |
|          | 20   | <b>∠</b>                               | √                                      | 7                                      | 7                                      |          |          |          |  |              | ]   |
| <u></u>  | 21   | ✓                                      | ✓                                      | ✓                                      | ✓                                      | _        |          | L        |  |              | ]   |
| L        | 22   | √                                      | ✓                                      | ✓                                      | ✓                                      |          |          | _        |  |              | 1   |
| L        | 23   | ✓                                      | ✓                                      | ✓                                      | ✓                                      |          | _        |          | <u> </u>   | _            | 1   |
| <u> </u> | 24   | Į√,                                    | ✓                                      | ✓                                      | √                                      | _        |          | <u> </u> | ļ  | <u> </u>     | ļ   |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | Ϋ́                                     | <b>√</b>                               | 1                                      | Ϋ́                                     | _        |          | <u> </u> | ┖  | <u> </u>     | Į   |
| <u> </u> | 20   | <b>√</b>                               | Α,                                     | Ý                                      | <u>√</u>                               |          | _        | -        | ├  | <del> </del> | ł   |
|          | 20   | ٧                                      | <b>√</b>                               | <b>√</b>                               | Ý                                      | _        | -        | $\vdash$ | ⊢  | ⊢            | ł   |
| -        | 20   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | ν,                                     | <b>~</b>                               | · /                                    | _        | _        | -        | -  | <b> </b>     | ┨   |
|          | 30   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | ./                                     | ./                                     | ·/                                     |          | -        | ┝        | -  | -            | 1   |
|          | 31   | 7                                      | ./                                     | ./                                     | 1                                      |          | ╫        | $\vdash$ | -  | ╁            | 1   |
|          | 30<br>31<br>32<br>33   | Ĭ                                      | Ţ                                      | 1                                      | J                                      |          |          | $\vdash$ | ┢  | $\vdash$     | ĺ   |
|          | 33   | Ì                                      | Ī                                      | Ţ                                      | Ţ                                      |          | $\vdash$ | 1        |  | <b>†</b>     | ĺ   |
|          | 34   | Ħ                                      | Ť                                      | Ť                                      | Ť                                      |          |          |          | ⇈  |              | 1   |
|          | 34<br>. 35<br>36<br>37   |  |  |  |  |          |          |          |  |              | 1   |
|          | 36   |  |  |  |  |          |          |          |  |              | 1   |
|          | 37   |  |  |  |  |          |          |          |  |              | ] . |
|          | 38<br>39   | Ш                                      | Ш                                      |  |  |          |          | _        |  |              | ]   |
| <u> </u> |  |  |  |  | _                                      |          | L        |          | <u> </u>   | _            |     |
|          | 40   |  |  | _                                      |  |          |          | <u>_</u> | <u> </u>   | L            | ļ   |
| <u> </u> | 41   | Ш                                      |  | Щ                                      |  |          | L        |          | <u> </u>   | <u> </u>     |     |
| <u> </u> | 42   | $\vdash$                               | $\sqcup$                               | $\dashv$                               |  |          | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | l   |
|          | 43   | H                                      | -                                      |  |  |          |          | <u> </u> |  | $\vdash$     | l   |
| <u> </u> | 44<br>45   | $\vdash \vdash$                        | -1                                     | $\dashv$                               | -                                      |          | H        | <u> </u> | $\vdash$   | ├—           | l   |
|          | 45   | $\vdash$                               | $\dashv$                               | $\dashv$                               | $\dashv$                               | _        | <u> </u> |          | ├  | ├            |     |
| $\vdash$ | 47   | $\vdash$                               | -                                      |  | -                                      |          | $\vdash$ | -        | $\vdash$   | $\vdash$     |     |
| Н        | 48   | $\vdash$                               |  | -                                      | $\dashv$                               |          | $\vdash$ | -        |  | $\vdash$     |     |
| $\vdash$ | 49   | $\vdash$                               |  |  | ᅱ                                      |          | -        | -        | $\vdash$   | $\vdash$     |     |
|          | 50   |  | $\dashv$                               | _                                      | $\dashv$                               |          |          |          | $\vdash$   | Т            |     |

| Cla      | aim        |          | _  | _        | Ī        | Date   | е  | _        |            |          |
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|          |            |          | Г  |          |          |  |  |          |            |          |
| ₩.       | Original   |          |  |          |          |  |  |          | ĺ          |          |
| Final    | [ <u>.</u> |          |  |          |          |  |  |          |            |          |
| -        | 0          |          |  |          | 1        |  |  |          |            |          |
| <b>-</b> | 51         | ⊢        | ╁  | ├─       | $\vdash$ | $\vdash$   |  | ⊢        | $\vdash$   | ┈        |
| -        | 52         | ⊢        | -  | $\vdash$ | -        | ├  | -  | -        | _          | ┝        |
| <u> </u> | 52         | _        | -  | ├—       | ├_       | -  | ⊢  | ⊢        | -          | ⊢        |
|          | 53         | <u> </u> | <u>                                     </u> | <u> </u> | <u> </u> | L  | <b> </b> _                                       | <b> </b> | <u> </u>   | -        |
| <u> </u> | 54         | _        | ┞  | <u> </u> | _        |  | <u> </u>   | <u> </u> | <u> </u>   | <u> </u> |
|          | 55         | _        | <u> </u>                                     | _        |          | _  | <b> </b> _                                       | <u> </u> | <u> </u>   | _        |
|          | 56         | _        | L.   | _        | <u>L</u> | _  | L  | L_       | _          |          |
| ļ        | 57         |          | _  | L.       | _        |  | _  |          |            | L        |
| <u> </u> | 58         | _        | _  |          |          | <u> </u>   |  | _        |            |          |
|          | 59         |          | L  |          | _        |  |  |          | <u> </u>   |          |
|          | 60         |          |  |          |          |  |  |          |            |          |
|          | 61         |          |  |          |          |  |  |          |            |          |
|          | 62         | L        |  |          |          |  |  | I _      | Π          |          |
|          | 63         | Г        |  |          |          |  | Π  | П        | П          |          |
|          | 64         |          |  | _        |          |  | Г  | Г        | Г          | Г        |
|          | 64<br>65   |          |  |          |          |  | Г  |          |            |          |
|          | 66         |          | Т  |          |          | <del>                                     </del> | Г  | Т        | Г          | $\vdash$ |
| -        | 67         |          | H  |          | -        | $\vdash$   | <del>                                     </del> | $\vdash$ | H          | $\vdash$ |
|          | 68         | _        | ┢  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | ├-       | -          |          |
| _        | 69         |          | ⊢  | ┢        | ⊢        | $\vdash$   | ├─   | -        | $\vdash$   | $\vdash$ |
| <u> </u> | 70         | -        | -  | ╁─       | ┢        | $\vdash$   | $\vdash$   | -        | ⊢          |          |
| -        | 71         |          | ⊢  | -        | $\vdash$ | ├  | ├  |          | ┢          | ┢        |
| -        | 72         |          | -  |          | -        | ┢  | ┝  | ├        | ├          | $\vdash$ |
| -        | 72<br>73   |          | -  | ⊢        | -        | ⊢  | ⊢  | ├-       | -          | _        |
|          | 74         | _        | -  | H        | ⊢        | -  | ⊢  | ⊢        | ⊢          | <u> </u> |
| -        | 74         | _        | -  | H        | H        | -  | <u> </u>   | ├-       | ⊢          | _        |
|          | 75<br>76   |          | <u> </u>                                     | -        |          | _  |  | _        | ⊢          | <u> </u> |
| -        | 76         |          | <u> </u>                                     | <u> </u> | <u> </u> | <u> </u>   | _  | ┡        | L          | <u> </u> |
| <u> </u> | 77         |          | _  | ┝        | <b>!</b> | ⊢  |  | <u> </u> | <u> </u>   |          |
| -        | 78         |          | <u> </u>                                     | <u> </u> | _        | <u> </u>   | _  | _        |            |          |
|          | 79         |          | ╙  | <u> </u> | <u> </u> |  | L  | ╙        |            | ļ        |
| ļ        | 80         |          | _  | <u> </u> |          | L  |  |          |            | _        |
|          | 81         |          | _  | _        |          |  |  |          |            |          |
|          | 82         |          |  | _        |          |  | <u> </u>   |          |            |          |
| L        | 83         |          |  | L_       | <u></u>  | L  | <u> </u>   |          | <u>_</u> . | L        |
| <u></u>  | 84         |          | L  | <u> </u> | L        | <u> </u>   |  |          |            |          |
|          | 85         |          | L  | $\Box$   |          | $\Box$   |  |          |            |          |
|          | 86         |          |  |          |          |  | L  |          |            | L        |
|          | 87         |          | L  | L        |          |  | L  | L        |            |          |
|          | 88         |          |  |          | L        |  | L  |          |            |          |
|          | 89         |          |  |          |          |  |  |          |            |          |
|          | 90         |          |  |          |          |  |  |          |            |          |
|          | 91         |          |  |          |          |  |  |          |            |          |
|          | 92         |          | Г  | Γ        |          | П  |  |          |            |          |
|          | 93         |          |  |          |          |  |  |          |            |          |
|          | 94         |          |  |          |          |  |  |          |            |          |
|          | 95         |          |  |          |          |  |  |          | Г          | Г        |
|          | 96         |          |  | Г        |          | _  |  | Н        |            |          |
|          | 97         |          |  |          |          |  |  | Н        | Н          |          |
|          | 98         |          | $\vdash$                                     |          | $\vdash$ |  | _  | Н        | _          | _        |
|          | 99         |          | -  | H        | -        |  | $\vdash$   |          |            | Н        |
|          | 100        | $\neg$   | $\vdash$                                     | -        | $\vdash$ | $\neg$   | _  |          |            |          |
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| C1.  | aim               | Date         |  |              |          |          |              |              |          |          |  |
|--|-------------------|--------------|--|--------------|----------|----------|--------------|--------------|----------|----------|--|
| Ui   |                   | $\vdash$     | _  | _            |          |          | <del>-</del> |              | F        | 1        |  |
| Final  | Original          |              |  |              |          |          |              |              |          |          |  |
|  | 101<br>102<br>103 |              |  |              |          |          |              |              |          |          |  |
|  | 102               | L            | _  | ļ            | _        | _        | _            |              | L        | _        |  |
| <u> </u>   | 103               | <u> </u>     | <u> </u>   | ┡            | _        | ┡        |              | <u> </u>     |          | <u> </u> |  |
| <del> </del>                                     | 104               | _            |  | <del> </del> | <u> </u> |          | ļ            | <b>—</b>     | <u> </u> | _        |  |
|  | 105<br>106        | -            | -  |              | -        | <u> </u> | L            | -            | ⊢        | <u> </u> |  |
|  | 107               | ├─           | ┥  | ┝            | $\vdash$ | ┢        | ├─           | -            | ┢        | ├        |  |
|  | 108               | $\vdash$     | _  | Н            |          | 一        | _            | 1            | -        | $\vdash$ |  |
|  | 109               |              |  | Т            |          |          |              |              |          |          |  |
|  | 110               |              |  |              |          |          |              |              |          |          |  |
|  | 111               |              | <u> </u>   |              | L        |          |              |              |          |          |  |
|  | 112<br>113        | L.           | <u> </u>   | _            | <u> </u> | <u> </u> | <u> </u>     | <u> </u>     | L        | <u> </u> |  |
| <u> </u>   | 113               | _            | _  | <u> </u>     |          | $\vdash$ | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> |  |
| <del>                                     </del> | 114<br>115        | -            | ⊢  | ├-           | $\vdash$ | -        | <del> </del> | -            | ┝        | -        |  |
|  | 116               | -            | ┝  | $\vdash$     | $\vdash$ | ├        | $\vdash$     | $\vdash$     | ⊢        | -        |  |
| $\vdash$   | 117               | $\vdash$     | $\vdash$   | $\vdash$     | -        | $\vdash$ |              |              | -        | $\vdash$ |  |
| <u> </u>   | 118               | <del> </del> | $\vdash$   | -            | $\vdash$ | -        | $\vdash$     |              |          | -        |  |
|  | 118<br>119        |              | T  |              |          |          | $\vdash$     |              |          |          |  |
|  | 120               |              |  |              |          |          |              |              |          |          |  |
|  | 120<br>121<br>122 |              |  |              |          | Ľ.       |              |              |          |          |  |
|  | 122               | _            | ļ  |              | <u> </u> |          | L.,          | <u> </u>     | _        | L        |  |
|  | 123<br>124<br>125 | _            |  | _            | _        | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> | L        |  |
| -  | 124               | <del> </del> | -  | _            |          | H        | ┝            | <del> </del> | $\vdash$ | ⊢        |  |
|  | 126               | -            |  | -            | -        | _        | -            | $\vdash$     | $\vdash$ |          |  |
|  | 127               |              | <del>                                     </del> | $\vdash$     | $\vdash$ | $\vdash$ | _            |              | <u> </u> | H        |  |
|  | 126<br>127<br>128 | Г            |  | Г            |          |          | Т            |              |          |          |  |
|  | 129<br>130        |              |  |              |          |          |              |              |          |          |  |
|  | 130               |              |  |              |          |          |              |              |          |          |  |
|  | 131               |              | _  |              |          |          |              | _            |          |          |  |
|  | 132<br>133        |              |  |              |          | _        | _            | ļ            | _        |          |  |
|  | 133               | H            | -  | _            | H        | H        | <u> </u>     | <u> </u>     | _        | _        |  |
|  | 135               | -            | $\vdash$   | <u> </u>     | -        | Н        |              | H            | _        | <u> </u> |  |
|  | 136               |              |  |              |          |          | _            |              |          | $\vdash$ |  |
|  | 137               |              |  |              |          |          |              |              | _        |          |  |
|  | 138               |              |  |              |          |          |              |              |          | П        |  |
|  | 139               |              |  |              |          |          |              |              |          |          |  |
|  | 140               |              |  |              |          |          |              |              |          |          |  |
|  | 141               |              | _  |              | _        |          |              |              |          |          |  |
|  | 142               | _            | <u> </u>   | _            | H        |          | _            | L,           |          | Щ        |  |
|  | 143<br>144        | _            | -  |              | H        |          |              | $\vdash$     |          | Н        |  |
|  | 145               | -            | -  | _            | Н        | Н        | <u> </u>     | Н            |          | Н        |  |
|  | 146               |              | H  | -            | Н        |          |              | H            |          | H        |  |
|  | 147               |              |  |              | Н        |          | Н            | $\vdash$     |          |          |  |
|  | 148               |              |  |              |          |          |              |              |          |          |  |
|  | 149<br>150        |              |  |              |          |          |              |              |          |          |  |
|  |                   |              |  |              | _        |          |              |              |          |          |  |